IN THE CLAIMS:

1. (Once Amended) A method for detecting failures that can result from multiple failure modes in an analyzer for conducting clinical assays comprising:

a) identifying potential errors that can result in assay failures in an analyzer

b) identifying potential sources of the potential errors identified in a),

c) determining the probability that an error source so identified will result in a clinically significant error,

d) identifying potential error detection measures corresponding to the source of potential errors, and

e) selecting and implementing multiple error detection measures for each failure mode based on their probability of reducing errors to an acceptable limit along with a low probability of the false detection of an assay failure.

IN THE SPECIFICATION

Please amend the specification by adding the following sentence following the phrase "would be acceptable" at page 17, line 5.

This process of determining the probability of reducing errors to an acceptable error rate while not detecting an insignificant event or a false positive is what is meant by determining the probability that an error source so identified will result in a clinically significant error.